

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL  
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

# LISTING SERVICE

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CATEGORY: Audible Devices

LISTEE: System Sensor, 3825 Ohio Avenue, St. Charles IL 60174  
Contact: \*Trish Linhart (630) 377-6674 Fax (630) 377-7245

DESIGN: Models PA400R, PA400B, PA400W, APA-451, H12/24, H12/24W, H12/24K, HC12/24, HC12/24W and HC12/24K sounders. Suffix "W" indicating white color and suffix "K" indicating extended indoor operating temperature range of 32° F to 150° F and a NEMA 3R enclosure rating. Models PA400R, PA400B and PA400W may have suffix "F" for letter FIRE printed on unit. Models H12/24, H12/24W, HC12/24, HC12/24K and HC12/24W are not suitable for public mode fire alarm service when used at low volume on 12V control panels. Refer to listee's data sheet for additional detailed product description and operational considerations.

RATING: PA Series: 12 or 30 VDC  
APA Series: 15 - 32 VDC  
H12/24 or HC 12/24 Series: 10.5 - 30 VDC

INSTALLATION: In accordance with listee's printed installation instructions, NFPA 72, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical rating and UL label.

APPROVAL: Listed as audible devices for use with separately listed compatible fire alarm control units. For indoor use only. Series H12/24 and HC12/24 can generate the Temporal Pattern signal. If series APA or PA are required to produce a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 1999 Edition, they must be used with a fire alarm control unit that can generate the temporal pattern signal. Refer to manufacturer's Installation Manual for details.

NOTE: Formerly 7135-0087:132

\*Rev. 06-16-2003



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 16, 2003**

*Listing Expires **June 30, 2004***

Authorized By: **DIANE K. AREND, Senior Deputy  
Program Manager**